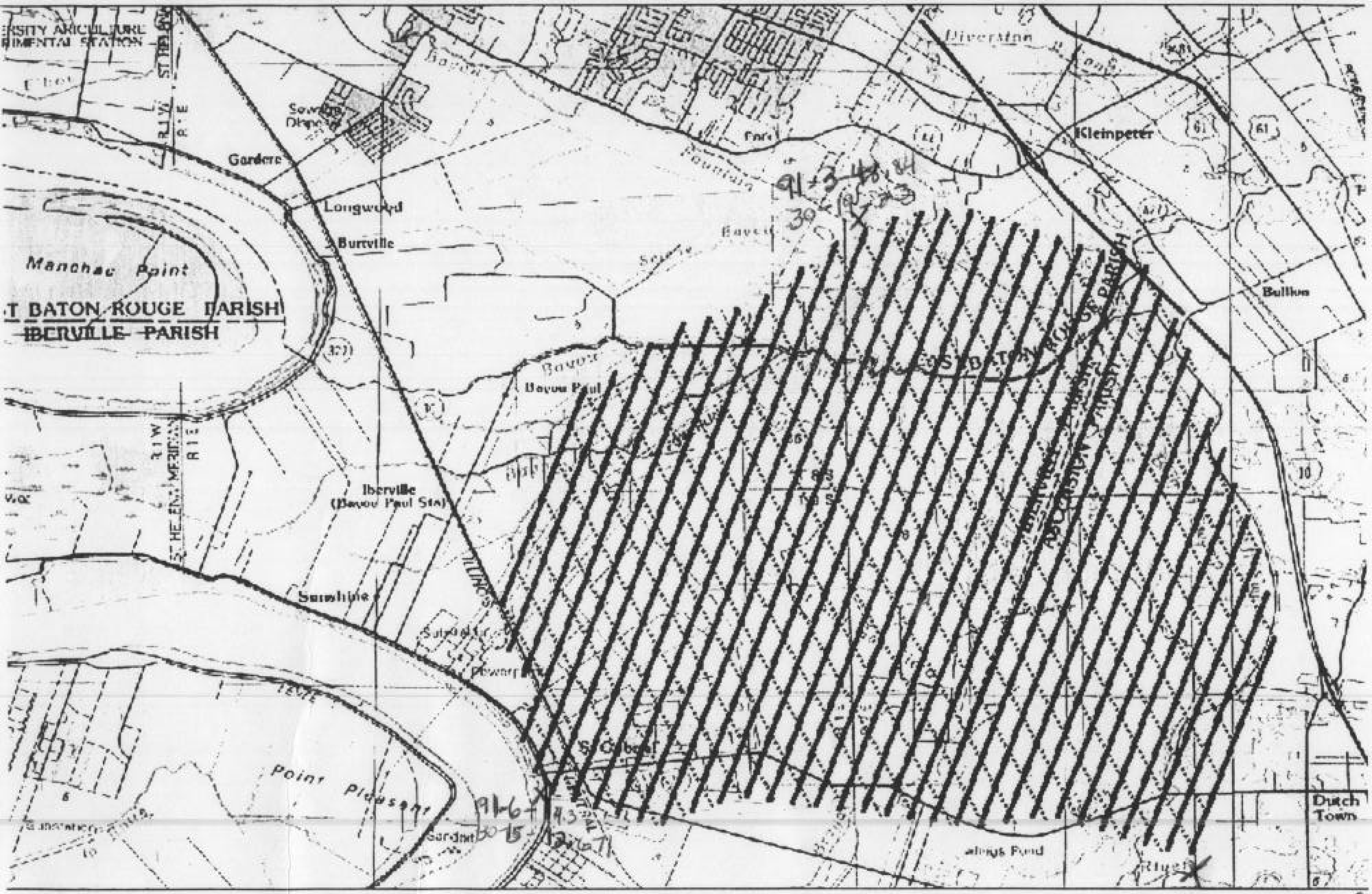
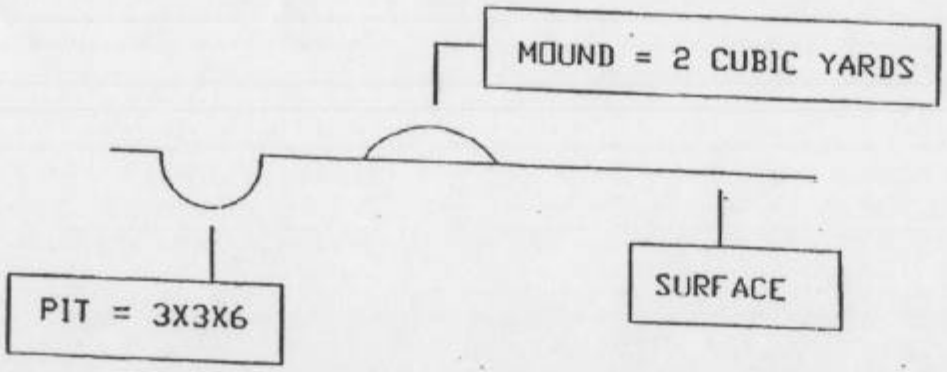
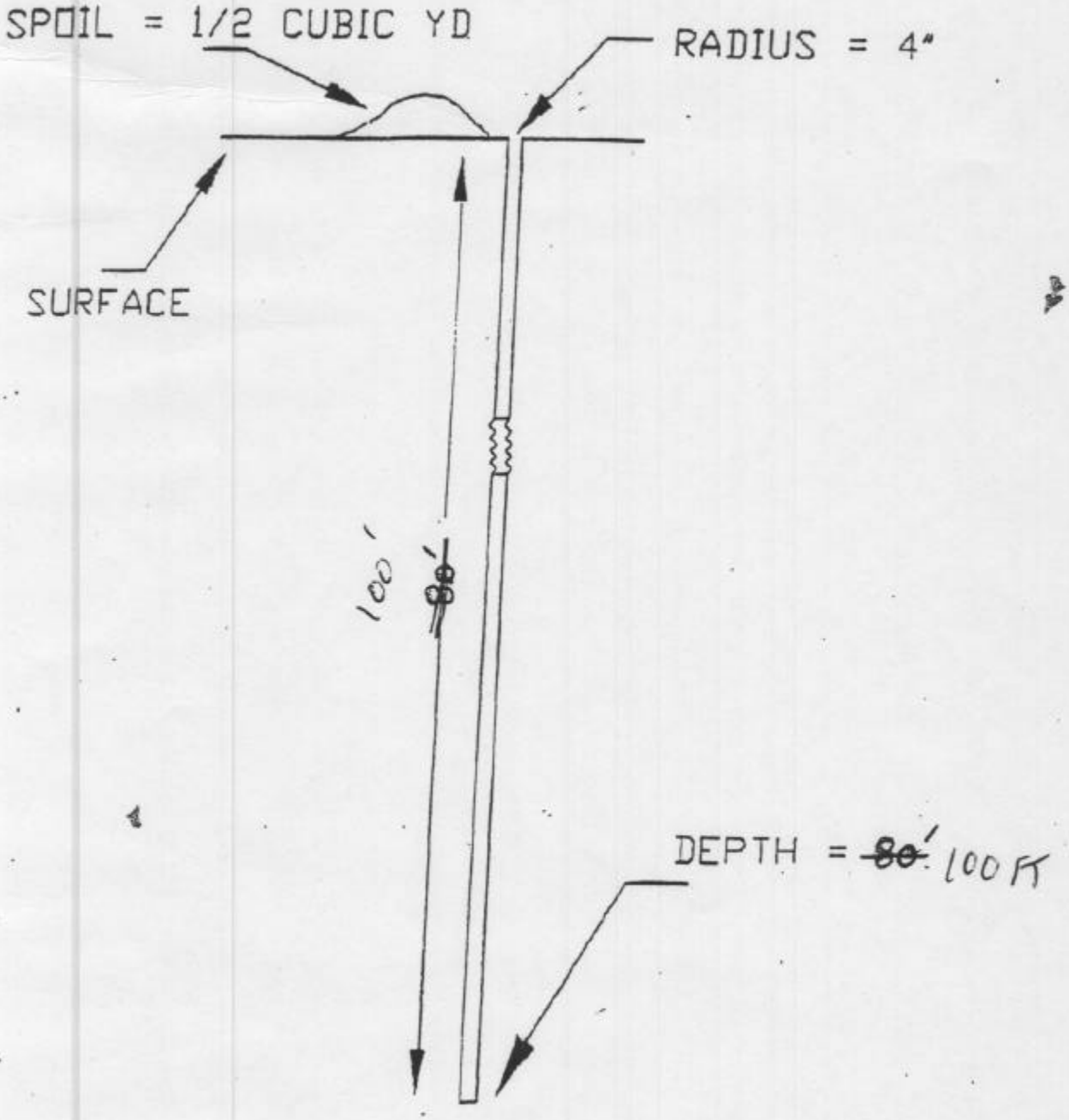


91- 0-27.710
30-13-49.707

SLUSH PIT = 2 CUBIC YARDS EXCAVATED AND FILLED



CROSS SECTION VIEW OF
SHOTHOLE



WARREN A. LYLE
Exploration Planning
(281) 702-2839
03/05/04

BetaStar

Acquisition Parameters

CLIENT Goodrich Petroleum
PROSPECT St. Gabriel Dome
OPTION Ia

TECHNIQUE	Design Channels per Line x No. Lines			138 x 12	1656
	Actual Channels per Line x No. Lines			~136 x 12	~1627 max
Bin Size -	Inline				110.0 ft
	Crossline				110.0 ft
Offsets -	Inline Far				15070 ft
	Oblique Near				156 ft
	Oblique Far				16408 ft
Fold -	Offset	3750	7500	12500	16408 ft
	Min - Max	4 - 7	17 - 22	34 - 38	46

RECEIVERS	Group Interval		220 ft
	Line Interval		1100 ft
	No. Groups		3658
	Avg Groups		119.9 / sq mi
	Avg Groups per Swath		1330
	Max Groups per Swath		1627
	Avg Line Length		111 groups
	Max Line Length		~136 groups
	No. Lines		33
	Rec Line Miles		151.0 mi

SOURCE	Point Interval	(diag. 311.127 ft)	220 ft
	Line Interval / Brick	(diag. 1400.071 ft)	1980 / 220 ft
	No. Points		2013
	Avg Points		66.0 / sq mi
	No. Swaths		32
	Src Line Miles		118.6 mi
	Type		Shothole
	Effort		5.5 lbs @ 100 ft. - 1 cap

TOTALS	Surface Area based on RECEIVERS ONLY	30.513 sq mi
	Total Points (Src + Rec)	5671
	Average Points (Src + Rec)	186 / sq mi
	Total Linear Miles (Src + Rec)	269.7 mi
	Average Linear Miles (Src + Rec)	8.8 / sq mi

NOTES Roll in from & out to 69 groups per line; 7 lines active.

Weems Geophysical

2.

The following is a description of the parameters with survey and drilling methodology and includes the specific types of machinery and equipment to be used for surveying, access, and drilling:

The 3-D seismic survey will be a shot-hole operation in the swamp, marsh and upland areas. The shot-hole operation will constitute the utilization of the following equipment.

1. Conventional 4 X 4, 8' X 24' seismic drill buggies.
2. Conventional 4 X 4, 8' X 24' seismic drill support buggies.
3. Conventional 4 X 4, 8' X 24' seismic acquisition support buggies.
4. Conventional 4 wheel all terrain vehicles.
5. 6' X 20' drill mounted swamp pull boat, if necessary.
6. 10' X 20' lightweight aluminum swamp buggy.
7. Airboat drills and associated support vehicles, if necessary.
8. Pontoon drill barges, if necessary.

This method of operation will consist of the following three phases:

a. Survey Phase: The receiver and source lines will be positioned using the GPS system or a conventional land survey system.

b. Drilling Phase: The drilling phase will consist of drilling small 4" diameter test holes along the NW to SE source lines to a depth of 100 feet and placing a 5.5 lb. charge on the bottom of the hole.

c. Acquisition Phase: The acquisition phase will consist of the temporary placement or deployment of seismic detector boxes and geophone cables along the north/south receiver lines. These boxes and cables will be transported to a location via conventional 4 X 4, 8' X 24' support buggies. Once The boxes and cables are deployed the charge will be detonated and the energy generated will be recorded through these cables and transmitted to a computer truck for processing.

12012 Wickchester Lane Suite 400 Houston, Texas 77079 (281) 589-9626 FAX (281) 589-9776